

SFY 2021 – 2024 TIP PROJECTS RECOMMENDED FOR NOACA FUNDING

**NOACA Rural Advisory Council
September 27, 2019**

ACTION REQUESTED

No action is requested at this time. Item is for presentation and discussion only.

PREVIOUS ACTION

- **Resolution 2019-045, approving projects to be funded with NOACA STBG and TAP funds for the SFY 2021 – 2024 Transportation Improvement Program (TIP)**
- **Resolution 2019-046, approving projects to be funded with NOACA CMAQ funds for the SFY 2021 – 2024 TIP**

BACKGROUND

NOACA is developing its SFY 2021 – 2024 TIP

The SFY 2021 - 2024 TIP will:

- Be in effect from July 1, 2020 through June 30, 2024;
- Contain road, bridge, public transit and other transportation projects scheduled for implementation; and
- Include projects supported by federal funds through NOACA, ODOT and transit agencies

BACKGROUND

Projects represent NOACA allocated funding only

- Surface Transportation Block Grant (STBG) program - \$31 M annually
- Transportation Alternatives (TA) - \$3.1 M annually
- Congestion Mitigation and Air Quality (CMAQ) - \$16 M annually



STBG

Projects that preserve and improve the conditions of the multimodal transportation system



TA

Projects that advance alternatives to motorized travel



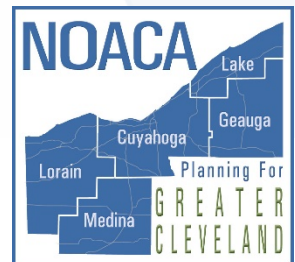
CMAQ

Projects that reduce congestion & improve air quality in areas that do not attain air quality standards

BACKGROUND

Over 700 potential projects were identified through a comprehensive planning process

- More than \$1B needed for implementation
- Needs far exceed the \$148 M funding available
- Approved projects represent the priorities in the LRTP and align with asset management and performance measures initiatives



BACKGROUND

Project Prioritization – STBG and TAP Programs

- **Filtered top 25% of all NOACA Transportation Asset Management plan and sponsor requested preservation projects by cost effectiveness**
 - Approximately 170 projects were distributed by each county's percent share of the region's VMT (vehicle miles travelled)
- **Incorporated all other NOACA plan list projects**
 - Safety and Congestion and Transportation Alternatives projects
 - Regionally significant projects
 - Important to economy, regional travel and destinations

BACKGROUND

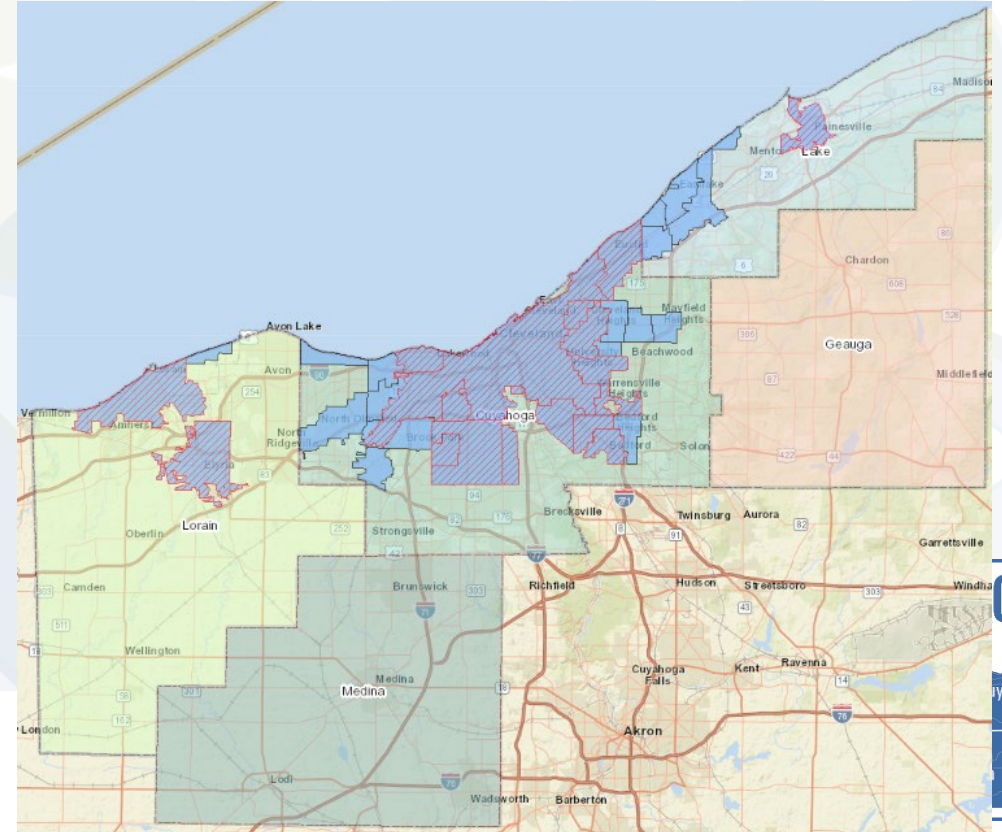
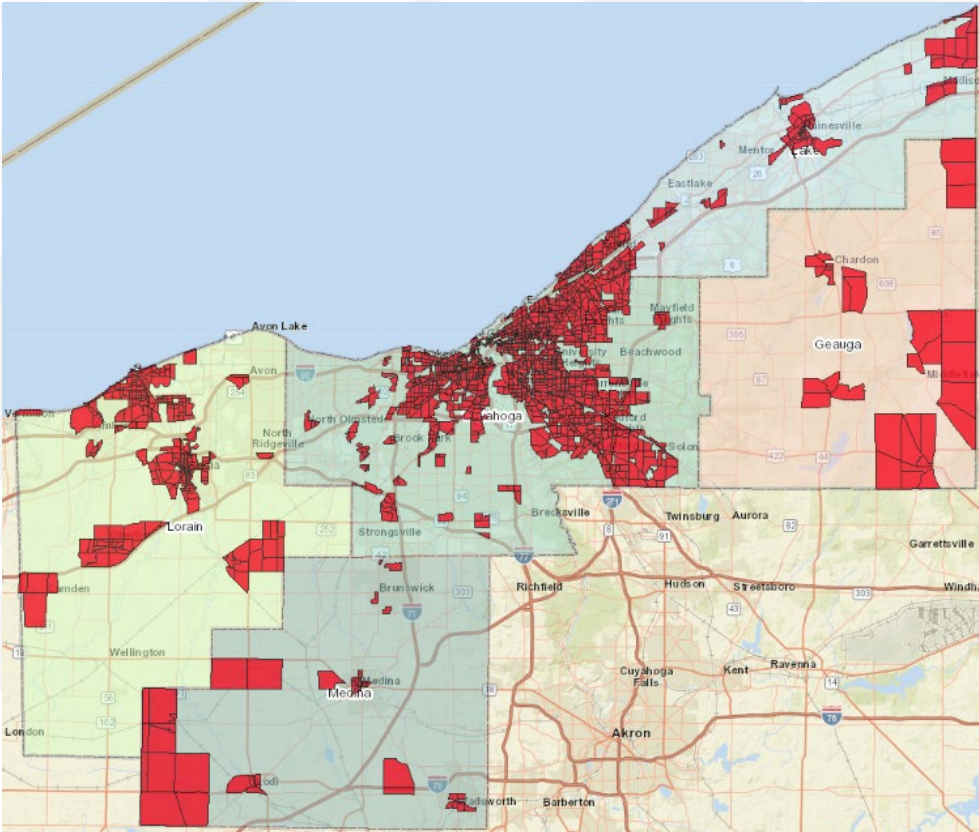
Project Prioritization – STBG and TAP Programs

- Evaluated against regional significance and planning criteria
 - **Regional Significance Criteria**
 - Roadway/Transportation Significance
 - Job/ Education/ Government/ Medical Centers
 - Cultural/ Sports/ Entertainment Centers
 - Intermodal Connectivity
 - **Planning Criteria**
 - Safety/Congestion Priority Locations
 - Freight Plan Priority Routes
 - Public Transit Priority Corridors / TOD
 - Bicycle and Pedestrian Networks
 - TLCI/STRS Studies

BACKGROUND

Project Prioritization – STBG and TAP Programs

- **Other Considerations**
 - Geographic Equity
 - Environmental Justice, Urban Core / Disadvantaged Communities



BACKGROUND

Project Prioritization – CMAQ Program

- **Evaluated against Statewide CMAQ Criteria**
 - Project Type – Countermeasures proven to reduce emissions
 - Cost Effectiveness = Emissions/CMAQ Cost
 - Secondary Benefits to:
 - Safety
 - Freight
 - Fixed Route Transit
 - Bicycle and Pedestrian
 - Environmental Justice Areas

BACKGROUND

Statewide CMAQ Criteria (cont.)

- Existing and Positive Impact on Quality and Level of Service
- Project Readiness / Past Delivery Performance
- Non-federal match of requested CMAQ funds
- Regional Priority:
 - MPO priority given up to four project submittals

BACKGROUND

- **Regional Priority is the only criteria NOACA has the ability to control - assignment of points to four projects (10, 7, 4 and 2)**
- **As previously directed by the Board, these points were applied strategically to maximize CMAQ funding to the region**
 - Not consider projects that already score well
 - Greatest regional impact
 - Promote multimodal transportation system and choice



BACKGROUND

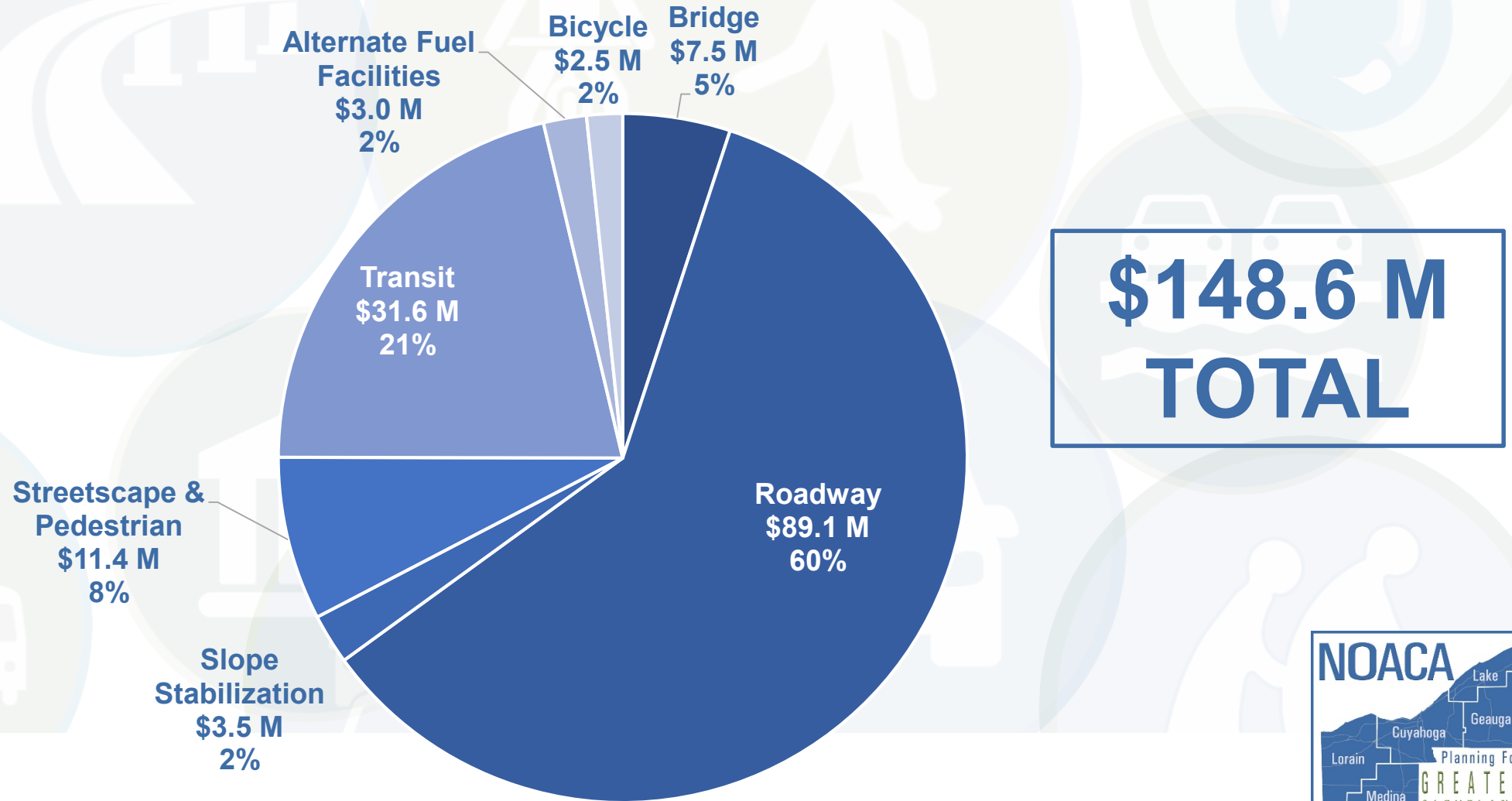
Approved Projects

- **STBG and TAP Programs**
 - 92 new projects approved
 - \$119 M in NOACA funding
- **CMAQ Program**
 - 7 new projects approved
 - \$29 M in NOACA funding
- **Over 50 communities receiving investment**



BACKGROUND

NOACA Funding by General Project Type



BACKGROUND

Impact of approved projects:

- 102 miles of roadway improved and enhanced
- 100,000 sq/ft deck area improved for 3 bridges
- 6.5 miles of bike/ped improvements
- 4 rail car replacements
- 60 transit buses
- 20 transit station improvements
- 75 EV Fast Charge Stations
- Irishtown Bend



BACKGROUND

What does this mean for the region's rural areas?

- Preservation of roads in, and connecting to, rural areas to maintain efficient travel of people, goods and services
- \$4 billion in continued regional economic benefit from Irishtown Bend bank stabilization
- Rail car and bus replacements to improve transit reliability for park and ride commuters
- EV charging stations for greater access of electric vehicles at nodes of public activity and business



NEXT STEPS

- **Staff will work with sponsors of approved projects to finalize scopes, schedules and fiscal constraint for inclusion in the SFY 2021 – 2024 TIP**
- **The final draft TIP will be presented to:**
 - Planning and Programming Committee for its recommendation to the Board on January 17, 2020; and
 - The Board of Directors on March 6, 2020 for approval



NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.

